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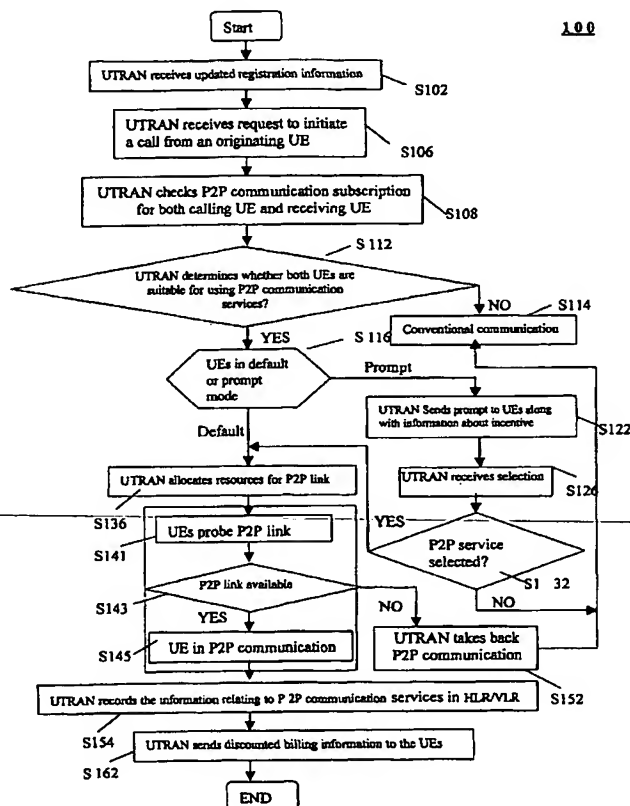
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(54) Title: METHOD AND SYSTEM FOR PEER-TO-PEER COMMUNICATION MANAGEMENT IN WIRELESS COMMUNICATION NETWORKS



(57) Abstract: The present invention provides a wireless communication system capable of managing peer-to-peer (P2P) communications. In one embodiment of the invention, upon receiving a request for initiating a call, the system determines whether P2P communication can be established between the two mobile terminals. The system also determines an operating mode of the two mobile terminals for P2P communication. If the P2P communication can be established between the two mobile terminals and both mobile terminals are in a default mode for P2P communication, the system establishes P2P communication between the two mobile terminals. On the other hand, if any one of the mobile terminals is in a prompt mode, the system sends a prompt to the mobile terminal in the prompt mode, along with information about incentives for using P2P communication services. If the user of the mobile terminal in the prompt mode selects the P2P communication services, the system allocates resources for setting up a P2P link between the two mobile terminals. After the P2P communication is completed, the system sends discounted billing information to the mobile terminals.



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B. FIELDS SEARCHED

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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 336 070 A (MOTOROLA LTD) 6 October 1999 (1999-10-06) page 3, line 4 - line 9 page 4, line 26 - page 6, line 31 page 8, line 34 - page 9, line 20 page 11, line 15 - line 30 page 13, line 20 - line 22	1-20
X	WO 01/15387 A (NOKIA CORP ; NOKIA INC (US)) 1 March 2001 (2001-03-01) page 8, line 23 - page 11, line 8; claim 1; figures 3,4	1-20
A	EP 0 526 118 A (MOTOROLA, INC; MOTOROLA INC) 3 February 1993 (1993-02-03) abstract	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Information on patent family members

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